

STATEWIDE PRESERVATION PROGRAM (SPP) SUMMARY OF CATEGORIES



| CATEGORIES NUMBER AND NAME | PROGRAMMING AUTHORITY | USUAL FUNDING | ALLOCATION PROG (Yes/No) RESPONSIBLE ENTITY | RANKING INDEX OR ALLOCATION FORMULA | BRIEF SUMMARY, RESTRICTIONS, ETC |
|--|---|--|---|---|--|
| 1 Preventive Maintenance and Rehabilitation | Commission allocation by formula. Allocation program to districts Projects selected by Districts. | Federal 90% State 10% Or Federal 80% State 20% Or 100% State | Yes, Districts | Preventive Maintenance 1 53% On-System lane miles 40% Lane miles of pavement distress scores between 70-89 5% Vehicle miles traveled per lane mile 2% Square footage of On-System Span Bridge Deck Area Rehabilitation 1 15% Interstate Equivalent Single Axle Loads 10% Non-Interstate NHS Equivalent Single Axle Loads 5% Non-NHS Equivalent Single Axle Loads 5% On-System lane miles 5% On-System vehicle miles traveled 35% Lane miles of pavement distress scores less than 60 5% Lane miles of pavement ride scores less than 2.0 5% Area of bridge deck with Sufficiency Rating between 50 and 80 3% Centerline miles of 2 lane highways with Average Daily Traffic greater than 400 and pavement width less than 22 feet 2% Centerline miles of operational Intelligent Transportation System (ITS) | Preventive maintenance and rehabilitation of the existing State Highway System. The rehabilitation funds may be used for rehabilitation of the Interstate Highway System main lanes, frontage roads, structures, rehabilitation of signs, pavement markings, striping, etc. The Transportation Planning and Programming Division may approve the use of rehabilitation funds for the construction of interchanges and HOV lanes on the Interstate Highway System. Rehabilitation funds may not be used for the construction of new SOV lanes. |

Note: ¹ A collaborative work group composed of transportation professionals from the Association of Texas Metropolitan Planning Organizations, the Texas Transportation Institute, TxDOT, county judges and Regional Planning Councils, recommended this formula to the Texas Transportation Commission (commission). The work group recommended averaging 3-years of pavement distress and ride scores. The commission has chosen to use the latest (1-year) of data, in order to produce funding distribution decisions based on the most up-to-date information.



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| 6 Structures Replacement and Rehabilitation | Commission approval. Project-specific Selected statewide based on Texas Eligible Bridge Selection System (TEBSS) and Evaluated statewide for cost- benefit by the Bridge Division | Federal 80% State 20% Federal 80% State 10% Local 10% Or 100% State | No Commission | Texas Eligible Bridge Selection System (TEBSS) and Vehicle & train traffic, accident rates, vertical clearance, roadway characteristics | Replacement or rehabilitation of eligible bridges on and off the state highway system (functionally obsolete or structurally deficient). Replacement of existing highway-railroad grade crossings and the rehabilitation, or replacement, of deficient railroad underpasses on the state highway system. Specific locations evaluated by cost-benefits derived index (benefits such as improved traffic flow, accident/fatality reduction. These funds may be used for preventive maintenance activities on bridges- requires commission approval. |







BUILD IT



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| 2 Metropolitan Area (TMA) Corridor Projects | Commission approval. Project-specific Corridors selected statewide based on criteria to be determined. Projects scheduled by consensus of districts | Federal 80% State 20% Or 100% State | No Commission | Funding Target Formula 32.50% Total vehicle miles traveled (On and Off System) 22.19% Population 16.88% Lane miles (On System) 14.06% Vehicle miles traveled (Trucks only) 6.88% Percentage of population under the federal poverty level 6.56% Fatal and incapacitating crashes | Mobility and added capacity projects on major state highway system corridors which serve the mobility needs of the Metropolitan Areas (TMA) Metropolitan Planning Organizations (MPOs). |
| 3 Urban Area (non-TMA) Corridor Projects | Commission approval. Project-specific Corridors selected statewide based on criteria to be determined. Projects scheduled by consensus of districts | Federal 80% State 20% Or 100% State | No Commission | Funding Target Formula 22% Total vehicle miles traveled 26% Population 11% Lane miles (On System) 6% Centerline miles (On System) 15% Vehicle miles traveled (Trucks only) 9% Percentage of population under the federal poverty level 11% Fatal and incapacitating crashes | Mobility and added capacity projects on major state highway system corridors which serve the mobility needs of the Urban Areas (non-TMA) MPOs. |
| 4 Statewide Connectivity Corridor Projects | Commission approval. Project-specific Corridors selected statewide based on criteria to be determined. Projects scheduled by consensus of districts | Federal 80% State 20% Or 100% State | No Commission | Selections based on engineering analysis of projects on three corridor types: Mobility Corridors- based on congestion. Connectivity Corridors- 2 lane roadways requiring upgrade to 4 lane divided. Strategic Corridors- strategic corridor additions to the state highway network. An example would be Port-to-Plains. | Mobility and added capacity projects on major state highway system corridors serving the mobility needs of statewide connectivity between urban areas and corridors serving mobility needs throughout the state. Composed of a highway connectivity network which includes: • the Texas Trunk System • the National Highway System (NHS) • and Connections from Texas Trunk System or NHS to major ports on international borders or Texas water ports. |







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| 5 Congestion Mitigation and Air Quality Improvement | Commission allocation. Allocation based on percent of population in non-attainment Areas. Allocation program to districts. Projects selected by MPO in consultation with TxDOT and Texas Commission on Environmental Quality. | Federal 80% State 20% Or Federal 80% Local 20% | Yes, <u>Districts</u> | Non-attainment area population weighted by air quality severity | Addresses attainment of national ambient air quality standard in the non-attainment areas (currently Dallas-Fort Worth, Houston, Beaumont and El Paso). Funds cannot be used to add capacity for single occupancy vehicles. |
| 7 STP Metropolitan Mobility/ Rehabilitation | Commission allocation. Allocation based on population Allocation program to districts Projects selected by MPO in consultation with TxDOT. | Federal 80% State 20% Or Federal 80% Local 20% Or 100% State | Yes, Districts | Population (2000 Census) | Transportation needs within metropolitan area boundaries with populations of 200,000 or greater. Projects selected by Metropolitan Planning Organizations (MPOs). |
| 8 STP Safety - Federal Hazard Elimination Program | Commission allocation. Statewide allocation program Selected statewide by federally mandated safety indices. | Federal 90% State 10% Or 100% State | Yes, Traffic Operations Division | Safety Improvement Index (SII) | Safety related projects - on and off state highway system. Projects are evaluated using three years of accident data, and ranked by Safety Improvement Index. |
| 8 STP Safety - Federal Railroad Signal Safety Program | Commission allocation. Statewide allocation program Selected statewide from prioritized listing. | Federal 90% State 10% Or 100% State | Yes, Traffic Operations Division | Railroad Crossing Index | Installation of automatic railroad warning devices at hazardous railroad crossings on and off state highway system, selected from statewide inventory list which is prioritized by index (# of trains per day, train speed, ADT, type of existing warning device, train-involved accidents within prior five years, etc.) |





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| 9 STP- Transportation Enhancements Safety Rest Area Program | Commission allocation. Statewide allocation program Selected statewide by the Maintenance Division. | Federal 80% State 20% | Yes, <u>Maintenance</u> <u>Division</u> | Selection criteria includes: travel corridors, spacing of rest areas, customer desired features, operational functions, and appropriate sizes. | Funds to be used to renovate, build, and relocate safety rest areas along the State Highway System. Small amount of program funds used for Safety Rest Area repairs. Other Federal-aid or state funds may be used for non-qualifying repair activities. |
| 10 Miscellaneous - State Park Roads | Commission allocation Statewide allocation program Projects selected by Texas Parks and Wildlife Department (TPWD). | State 100% | Yes, Transportation Planning and Programming Division | None, Selected by TPWD | Construction and rehabilitation of roadways within or adjacent to state parks, fish hatcheries, etc. subject to Memorandum of Agreement between TxDOT and TPWD. Locations selected and prioritized by TPWD. |
| 10 Miscellaneous - Railroad Grade Crossing Replanking Program | Commission allocation. Statewide <u>allocation program</u> Selection based on conditions of riding surface. | State 100% | Yes, Traffic Operations Division | Condition of crossing's riding surface and cost per vehicle using crossing | Replacement of rough railroad crossing surfaces on the state highway system (approximately 140 installations per year statewide). Project selection based on conditions of the riding surface (highway, railroad and drainage) and cost per vehicle using the crossing. |
| 10 Miscellaneous - Railroad Signal Maintenance Program | Commission allocation. Statewide allocation program Contributions to maintain Signals. | State 100% | Yes, Traffic Operations Division | Number of crossings and type of automatic devices present at each. | Contributions to each railroad company based on number of state highway system crossings and type of automatic devices present at each crossing. |







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| 10 Miscellaneous – Construction Landscape Programs | Commission allocation by formula. Allocation program to districts Projects selected by districts. | State 100% | Yes, Design Division | 75% Vehicle miles traveled on freeways and expressways 25% Lane miles of freeway and expressways | New landscape development and establishment projects such as typical right-of-way landscape development and establishment, aesthetic improvement (primarily in urban areas), rest area/picnic area landscape development, and erosion control and environmental mitigation activities on the state highway system. |
| 10 Miscellaneous – <u>Landscape Cost</u> <u>Sharing Program</u> | Statewide allocation program | State 100% | Yes, Design Division | This program will be handled on a statewide basis. The funding contribution will be determined for each project based on 50 percent of the total estimated project cost as proposed by the contributor. | Program allows the department to negotiate and execute joint landscape development projects through partnerships with local governments and support from civic associations, private businesses and developers for the aesthetic improvement of our state transportation system. |
| 10 Miscellaneous – Landscape Incentive Awards Program | Statewide allocation program Funding distributed to nine locations based on population. | State 100% | Yes, Design Division | This program will be handled on a statewide basis. The funding distribution to nine locations is based on the results of the annual Keep Texas Beautiful Awards Program. | Program allows the department to negotiate and execute joint landscape development projects in nine locations based on population categories in association with the Keep Texas Beautiful Governor's Community Achievement Awards Program. Awards recognizes participating cities or communities efforts in litter control, quality of life issues and beautification programs and projects. |
| 10 Miscellaneous – Green Ribbon Landscape Improvement Program | Statewide allocation program to the Districts with air quality, non-attainment or near non-attainment counties. | State 100% | Yes, Design Division | Allocations based on one-half percent of the estimated letting capacity for the TxDOT Districts which contain air quality, non-attainment or near non-attainment counties. | Program allows the department to address new landscape development and establishment projects within Districts that have air quality, non-attainment or near non-attainment counties. Projects to plant trees and shrubs to help mitigate the effects of air pollution. |





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| 10 Miscellaneous (Federal) | Commission approval to Participate. Federal allocations. | Federal 100% Or Federal 80% State 20% | No | None Not Applicable | Federal programs such as Forest Highways, Indian Reservation Highways, Federal Lands Highways, and Ferry Boat Discretionary. |
| 11 District Discretionary | Commission allocation by formula. Allocation program to districts Projects selected by districts. Minimum \$2.5 million allocation to each TxDOT district in compliance with 78(R), HB1, VII, Rider 26. | Federal 80% State 20%, Or Federal 80% Local 20% or State 100% | Yes, Districts | Allocation Formula 70% On-System Vehicle Miles Traveled 20% On-System lane miles 10% Annual Truck Vehicle Miles Traveled | Miscellaneous projects on the state highway system selected at the district's discretion. A portion of these funds may be used off the state highway system. |
| 12 Strategic Priority | Commission selection. Project-specific | Federal 80% State 20% or State 100% | No | None, Selected by <u>Texas Transportation</u> <u>Commission</u> | Commission selected projects which promote economic development, provide system continuity with adjoining states and Mexico, increase efficiency on military deployment routes, or address other strategic needs as determined by the commission. |



PROPOSED FISCAL YEAR (FY) 2008

TOTAL PROGRAMMING BY IMPROVEMENT STRATEGY¹

INCLUDING ROUTINE AND CONTRACTED ROUTINE MAINTENANCE MEASURED IN DOLLARS

| B. 4 | A INIT A INI IT | | | | | |
|---------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| MAINTAIN IT 👛 | | FY 2005 | D(2006 | D/ 2007 | FY 2008 | Proposed Total |
| Category | Category Name | FT 2000 | FY 2006 | FY 2007 | (Proposed) | Programming |
| STATEVIC | DE PRESERVATION PROGRAM (SPP) | | | | | |
| 1 | Preventive Maintenance and Rehabilitation | \$1,035,000,000 | \$1,025,000,000 | \$1,035,000,000 | \$1,035,000,000 | \$4,130,000,000 |
| 6 | Structure Replacement and Rehabilitation | \$220,910,116 | \$266,593,499 | \$231,838,936 | \$236,880,679 | \$956,223,230 |
| - | Routine Maintenance ² | \$499,322,165 | \$499,322,165 | \$499,322,165 | \$499,322,165 | \$1,997,288,660 |
| - | Contracted Routine Maintenance ² | \$315,571,001 | \$315,571,001 | \$315,571,001 | \$315,571,001 | \$1,262,284,004 |
| | SPP TOTAL | \$2,070,803,282 | \$2,106,486,665 | \$2,081,732,102 | \$2,086,773,845 | \$8,345,795,894 |

| BU Category | Category Name | FY 2005 | FY 2006 | FY 2007 | FY 2008 (Proposed) | Proposed Total Programming |
|----------------|---|-----------------|-----------------|-----------------|-----------------------|-------------------------------|
| STATEVIE | DE MOBILITY PROGRAM (SMP) | | | | | |
| 2 | Metropolitan Area Corridor Projects ³ | \$551,151,641 | \$483,503,287 | \$320,754,724 | \$288,812,971 | \$1,644,222,623 |
| 3 | Urban Area Corridor Projects | \$85,527,607 | \$58,425,381 | \$40,066,621 | \$48,135,495 | \$232,155,104 |
| 4 | Statewide Connectivity Corridor Projects ³ | \$296,596,820 | \$315,325,143 | \$204,844,862 | \$144,406,485 | \$961,173,311 |
| 5 | Congestion Mitigation and Air Quality | \$126,678,698 | \$130,771,491 | \$134,548,904 | \$138,179,629 | \$530,178,721 |
| 7 | STP4- Metropolitan Mobility/Rehabilitation | \$187,187,579 | \$193,235,319 | \$198,817,036 | \$204,182,001 | \$783,421,935 |
| 8 | STP ⁴ - Safety | \$55,247,080 | \$97,032,027 | \$98,679,431 | \$60,262,862 | \$311,221,400 |
| 9 | STP ⁴ - Enhancements | \$71,555,159 | \$73,866,995 | \$76,000,686 | \$78,051,523 | \$299,474,363 |
| 10 | Miscellaneous | \$16,000,000 | \$16,000,000 | \$16,000,000 | \$16,000,000 | \$64,000,000 |
| 11 | District Discretionary | \$250,000,000 | \$250,000,000 | \$250,000,000 | \$250,000,000 | \$1,000,000,000 |
| 12 | Strategic Priority | \$225,000,000 | \$225,000,000 | \$225,000,000 | \$225,000,000 | \$900,000,000 |
| | SMP TOTAL | \$1,864,944,583 | \$1,843,159,643 | \$1,564,712,265 | \$1,453,030,966 | \$6,725,847,457 |

\$3.949.646.308

\$3,646,444,367

\$3,539,804,811

\$15,071,643,351

Notes:

1 Does not include Texas Mobility Fund revenues.

SPP AND SMP GRAND TOTAL^s

- 2 Routine Maintenance (Budget Object 312) and Contracted Routine Maintenance (Budget Object 311) are preservation activities which are performed by TxDOT personnel or let locally to bidding contractors. Categories 1 through 12 (Budget Object 211) are traditionally let to bidding contractors on a statewide basis.
- 3 Includes \$700 million toll equity funds for the Central Texas Turnpike Project. Does not include bond revenue for the Central Texas Turnpike Project.

\$3.935.747.865

- 4 STP- Surface Transportation Program.
- 5 Total includes Routine Maintenance and Contracted Routine Maintenance budgets.



Written comments regarding the project selection process may be sent to:

Texas Department of Transportation
Attention: James L. Randall, P.E.
P.O. Box 149217
Austin, Texas 78714-9217.

The deadline for receipt of comments is 5:00 p.m. January 5, 2004.

Build It Use It